



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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W.R. Grace & Co.
62 Whittmore Avenue
Cambridge, MA 02140

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA – Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Procor® Fluid Applied Waterproofing Membrane

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA No. 06-1017.08 and consists of pages 1 through 4.
The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 12-0117.02
Expiration Date: 02/14/13
Approval Date: 07/12/12
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ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Waterproofing
Deck Type: Concrete
Material: Synthetic Rubber

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

<u>Product</u>	<u>Product Description</u>
Procor® 10 Waterproofing Membrane	2-Part self-curing, solvent and bitumen free, rubber-based material intended primarily horizontal applications.
Procor® 20 Waterproofing Membrane	2-Part self-curing, solvent and bitumen free, rubber-based material intended primarily for vertical applications but can be applied in horizontal applications in warm temperatures.
Procor® 75 Waterproofing Membrane	2-Part self-curing, solvent and bitumen free, rubber-based material intended for all spray applications.
Bitustik Tape	A 2-sided, highly aggressive adhesive tape that is specially formulated to adhere Hydroduct drainage composites or expanded or extruded polystyrene protection board to the cured membrane.

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
SGS U.S. Testing Company	119656-2	ASTM E96 ASTM C836 ASTM C794 ASTM E154 ASTM D903 ASTM D751	1999
SGS U.S. Testing Company	161380	ASTM C836	2001



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APPROVED ASSEMBLIES

Deck Type 1: Concrete Decks, Non-Insulated

Deck Description: Min. 2500 psi, dual slab construction

System Type A: Procor® Fluid Applied Waterproofing Membrane

Surface Condition All surfaces must be free from dirt, grease, oil, dust and other contaminants. Surface irregularities greater than 0.5" (13 mm) in depth should be repaired with a lean concrete mix, grout, and application of Procor membrane or compatible sealant.

Procor waterproofing membranes can be applied to green concrete. Remove any visible water prior to application. Cover the membrane as soon as possible to minimize exposure to direct sunlight. Do not apply Procor waterproofing membrane in wet weather.

Detailing: Complete the following detailing prior to applying the full coverage of Procor membrane.

Inside and outside corners: Apply a 1.5mm (0.060") coating of Procor membrane starting in the corner and extending 6" (150 mm) from each side of the corner. For inside corners, install a 1" (25mm) fillet to reinforce the corner.

Non-moving joints and Hairline cracks: Apply a 1.5mm (0.060") coating of Procor membrane over non-moving joints or hairline cracks and extend the material 6" (150 mm) from each side of the opening.

Moving Joints: If movement of up to 0.13" (3mm) is anticipated, prepare the joint according to the guidelines outlined in ASTM C 1193, *Standard Guide for Use of Joints Sealants*. Once the joint has been prepared, apply a 1.5mm (0.060") coating of Procor membrane over the joint and extend it 6" (150 mm) from each side of the opening.

Expansion Joint (Movement Up to 1.5") Procor waterproofing membranes shall not be used for waterproof expansion joints.

Drains and Penetrations: In drain applications apply a 15 mm (0.060") coating of Procor membrane over the drain flange and extend it 6" (150 mm) beyond the flange. For all penetrations, pre-treat the opening between the penetration and the structural substrate as a non-moving joint. Penetration openings must be sealed and stabilized prior to the application of Procor membrane. Once sealed and stabilized, install a 1" (25 mm) fillet around the protrusion. Extend the Procor membrane 6" (150 mm) onto the structural substrate and at least 2" (50 mm) onto the penetration.

Integrity Test:	<p>Allow Procor waterproofing membrane to cure at least 24 hours prior to backfill to avoid displacement of the membrane. Use care during the backfill operation to avoid damage to the waterproofing system. Follow generally accepted practices for backfilling and compaction. Backfill should be added and compacted in 6" to 12" (150 to 30 mm) lifts to avoid stresses on the waterproofing system.</p> <p>Settlement stresses may compromise the integrity of the waterproofing system.</p> <p>Flood test shall be performed in accordance with ASTM D5957. Start flood test 48 hours after completing the application of Procor® Fluid Applied Waterproofing. Water may be maintained for a period longer than 24 hours if required.</p>
Inspection:	Inspection shall be witnessed by the Building Official, the building owner's representative, general contractor, architect/engineer, and waterproofing contractor.
Surfacing	Structural Concrete Slab, minimum 2500 psi. All surfacing shall comply with applicable building code.
Maximum Design Pressure:	N/A

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. A copy of the integrity test report described herein in accordance with ASTM D5957 shall be provided to the Building Official for review at time of final inspection.
3. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
4. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by W.R. Grace and shall be submitted to the Building Official for review.
5. All work shall be performed by a Contractor licensed to do roofing/ waterproofing and be a Manufacturer Trained 'Qualified Applicator' approved and licensed by W.R. Grace. W.R. Grace shall supply a list of approved applicators to the authority having jurisdiction.
6. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
7. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below

MIAMI-DADE COUNTY
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END OF THIS ACCEPTANCE

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